

NTD 202-KFM
I2000228M/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : QINGJIE GUO and GUANGXI YUE
Serial No. : TO BE ASSIGNED
Filed : HEREWITH
For : A JETTING FLUIDIZED-BED WITH A
PARTITIONED DISTRIBUTOR AND DOUBLE
HORIZONTAL NOZZLES

January 25, 2001

Hon. Commissioner of Patents
& Trademarks
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

Prior to examination, please amend the above-identified
patent application as follows:

IN THE SPECIFICATION:

On page 1, after the title, insert the following
heading:

-- BACKGROUND OF THE INVENTION --;

On page 2, before line 1, insert the following heading:

-- SUMMARY OF THE INVENTION -- ;

line 15, before "jet", insert -- the -- and change "being"
to -- is --; on line 18, after "mesh", insert -- , --; after
line 19, insert the following heading and paragraph:

-- For a full understanding of the present invention, reference should now be made to the following detailed description of the preferred embodiment of the invention as illustrated in the accompanying drawing.

BRIEF DESCRIPTION OF THE DRAWING --;

after line 20, insert the following heading and paragraph:

-- DESCRIPTION OF THE PREFERRED EMBODIMENT

The preferred embodiment of the present invention will now be described with reference to Fig. 1 of the drawings.— and on line 24, change "figure" to --- Fig. ---.

On page 3, line 11, change ", the" to -- . The --; line 19, after "chambers,", insert -- -- --; line 20, after "9", insert -- -- which --; line 21, change "partitioned" to -- separated --; line 22, after "8", insert -- , --; line 23, delete "being" and line 24, change "consisted" to -- consisting --.

On page 4, after the last line, insert the following paragraph:

-- There has thus been shown and described a novel partitioned, jetting fluidized-bed which fulfills all the objects and advantages sought therefor. Many changes, modifications, variations and other uses and applications of the subject invention will, however, become apparent to

those skilled in the art after considering this specification and the accompanying drawing which disclose the preferred embodiment thereof. All such changes, modifications, variations and other uses and applications which do not depart from the spirit and scope of the invention are deemed to be covered by the invention, which is to be limited only by the claims which follow. --

IN THE CLAIMS:

In line 1, delete "CLAIMS" and insert:

-- C L A I M S

What is claimed is: --

Please amend claims 1-3 as follows:

1. (Once Amended) A partitioned, jetting fluidized-bed [jetting] with double nozzles comprising a jetting bed body, a horizontal nozzle fixed in a side wall of the bed, a gas distributor, a gas pre-distribution chamber with gas distributor, and a cyclone, the improvement wherein an inclined nozzle is located at the side wall of the jetting bed body above the gas distributor, wherein [and] the gas pre-distribution chamber with gas distributor includes a gas pre-distribution chamber with a combined gas distributor and a gas pre-distribution chamber with a perforated gas distributor, [. These] these two gas pre-distribution chambers [are] being separated by partition plate.

2. (Once Amended) A partitioned, jetting fluidized-bed [jetting] with double nozzles according to claim 1, [where] wherein the combined gas distributor of the gas pre-distribution chamber [involves] comprises three layers, one being a perforated distribution board, and the other two being an anticorrosion fiber cloth and a stainless steel mesh, respectively.

3. (Once Amended) A partitioned, jetting fluidized-bed [jetting] with double nozzles according to claim 1, [where] wherein the ratio of the horizontal nozzle diameter to the inclined nozzle diameter ranges from 1/5 to 1/3, and the upward inclination angle of the inclined nozzle [(with relation)] with respect to the vertical wall[] is in the range of 25°-55°.

IN THE ABSTRACT:

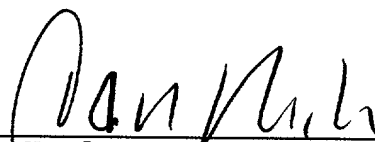
In line 9, change "broaden" to -- broadens --.

R E M A R K S

This Preliminary Amendment is being filed to place the specification and claims in proper form under United States Patent Practice. No new matter has been introduced.

Respectfully submitted,

By


Karl F. Milde, Jr.
Reg. No. 24,822

MILDE, HOFFBERG & MACKLIN, LLP
10 Bank Street - Suite 460
White Plains, NY 10606

914-949-3100